

R E M A R K S

Careful review and examination of the subject application are noted and appreciated.

THE OBJECTIONS TO THE DRAWINGS

While Applicants' representative does not necessarily agree with the requirement to label FIGS. 1 and 2, in order to further prosecution, FIGS. 1 and 2 have been labeled "conventional". Replacement FIGS. 1 and 2 are submitted herewith. As such, the objection to the drawings should be withdrawn.

FIG. 3 has been amended to correct the inconsistencies cited. The "no" label has been added to FIG. 6.

OBJECTION TO THE SPECIFICATION

Most of the objections to the specification has been obviated by appropriate amendment and should be withdrawn. However, the objection to the claims section is traversed. The patent office printing office does not print the section heading on the issued patent, but rather uses their own heading. Therefore, changing the heading is moot and the objection should be withdrawn.

CLAIM OBJECTIONS

The objection to claims 1-11, 16, 18 and 20 has been obviated by appropriate amendment.

CLAIM REJECTIONS UNDER 35 U.S.C. §112

The rejection of claims 1-20 under 35 U.S.C. §112, first paragraph, is respectfully traversed and should be withdrawn. It appears that the Examiner is providing an enablement rejection directed to the background section? Applicants' representative requests a citation for such a rejection. For example, the cited passage discusses how to "make and use the invention", yet the rejection is based on the background. Clarification is requested. Also the Examiner's attention is directed to the co-pending cases cited in this application. Most have issued as patents. Most had similar backgrounds. None are believed to have had enablement rejections.

The rejection of claim 12 has been obviated by amendment to the specification. The rejection of claim 13, while note entirely accurate, has been obviated by amendment.

The rejection of claims 7 and 16-19 under 35 U.S.C. §112, second paragraph, has been obviated by appropriate amendment and should be withdrawn.

CLAIM REJECTIONS UNDER 35 U.S.C. §102

The rejection of claims 12 and 13 under 35 U.S.C. §102 as being anticipated by Black '858 has been obviated by appropriate amendment and should be withdrawn.

Black discloses a dual-mode digital FM communication system (Title).

In contrast, claim 12 of the present invention provides a method of synchronizing a clock signal to a data signal, comprising the steps of (A) upon power-up, performing said synchronization with a high bandwidth system, and (B) after a predetermined amount of time, performing said synchronization with a low bandwidth system, and (C) adding a first value to a second value to produce a third value. The second value represents a position of a second edge of said data signal. Claim 13 of the present invention provides an apparatus for synchronization of a clock signal to a data signal comprising a detector configured to synchronize with a high bandwidth system. The detector is configured after a predetermined amount of time to perform the synchronization with a low bandwidth system. The detector comprises an accumulator that adds a first value to a second value to produce a third value. The second value represents a position of a second edge of said data signal. Since the limitation of claim 14 has been added to claims 12 and 13, and no art rejections

have been presented to claim 14, claims 12 and 13 are believed to be allowable.

As such, the presently claimed invention is fully patentable over the cited references and the rejection should be withdrawn.

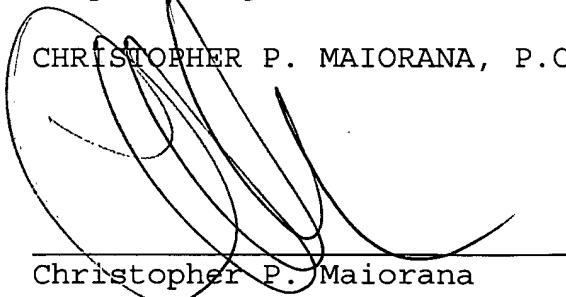
Accordingly, the present application is in condition for allowance. Early and favorable action by the Examiner is respectfully solicited.

The Examiner is respectfully invited to call the Applicants' representative should it be deemed beneficial to further advance prosecution of the application.

If any additional fees are due, please charge our office Account No. 50-0541.

Respectfully submitted,

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